

Interactive comment on “Airborne laser scan data: a valuable tool to infer partial beam-blockage in urban environment” by R. Cremonini et al.

Anonymous Referee #3

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This paper describes a method to determine the severity of, and to correct for partial beam blockage (PBB) for radars located in urban environments. The method uses elevation data from airborne laser scans, which has a much higher resolution and accuracy than traditional DEM data. This allows for this method to be employed in urban environments. The method is certainly valuable (I've used it myself for determining the suitability of different locations for placing a radar; also based on ALS DEMs). The main issue that I have with this paper is that this method has been presented before by several others. The authors themselves state in the introduction that “As demonstrated in several studies [...], accurate radar visibility maps can be generated [...] with high resolution digital elevation models (DEMs)”. So the only novel component of this paper would be the different origin of the DEMs that are used. I don't think this is sufficient for a scientific publication.

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Discussion paper



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